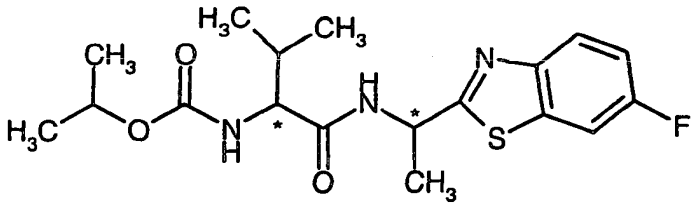
Patent Claims

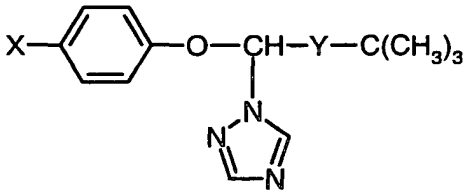
1. Active compound combinations, comprising at least one compound of the formula



(I)

and

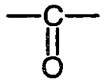
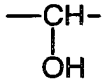
(1) a triazole derivative of the formula



(II),

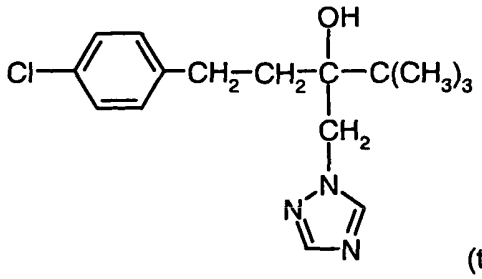
in which

X represents chlorine or phenyl and

Y represents  or  ,

and/or

(2) the triazole derivative of the formula

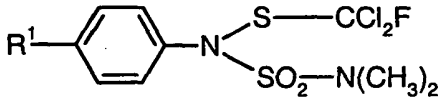


(III),

(tebuconazole)

and/or

(3) an aniline derivative of the formula



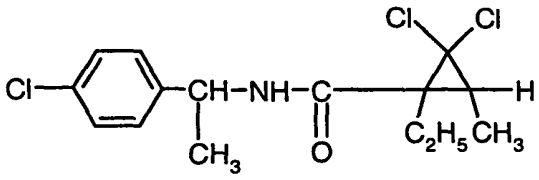
(IV),

in which

R^1 represents hydrogen or methyl,

and/or

(4) N-[1-(4-chloro-phenyl)-ethyl]-2,2-dichloro-1-ethyl-3-methyl-cyclopropane-carboxamide of the formula

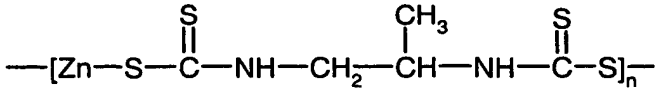


(V)

(carpropamid)

and/or

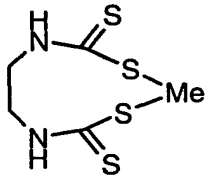
(5) the zinc propylene-1,2-bis-(dithiocarbamidate) of the formula



n > = 1 (propineb) (VI)

and/or

(6) at least one thiocarbamate of the formula

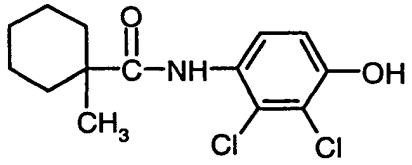


(VII),

Me = Zn or Mn or a mixture of Zn and Mn

and/or

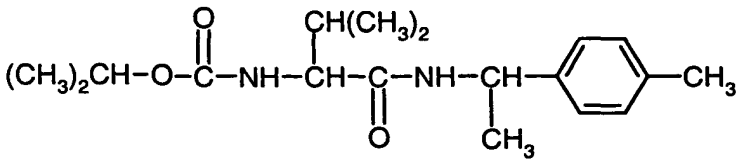
(7) the aniline derivative of the formula



(fenhexamid) (VIII)

and/or

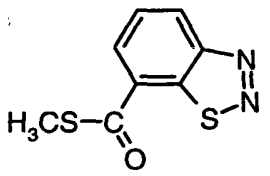
(8) the compound of the formula



(iprovalicarb) (IX)

and/or

(9) the benzothiadiazole derivative of the formula

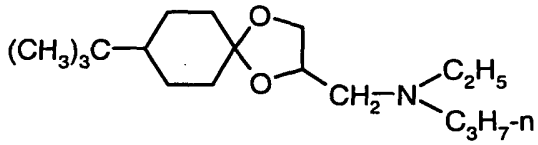


(X)

(acibenzolar-S-methyl)

and/or

(10) the 8-t-butyl-2-(N-ethyl-N-n-propyl-amino)-methyl-1,4-dioxa-spiro[5,4]-decane of the formula

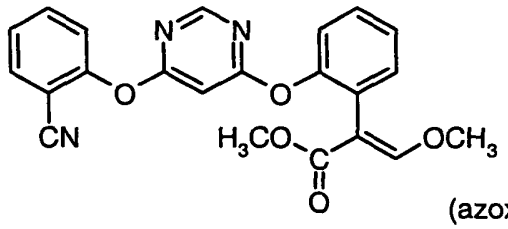


(XI)

(spiroxamine)

and/or

(11) the compound of the formula

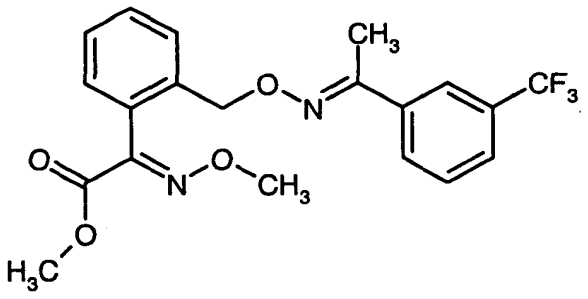


(XII)

(azoxystrobin)

and/or

(12) the compound of the formula

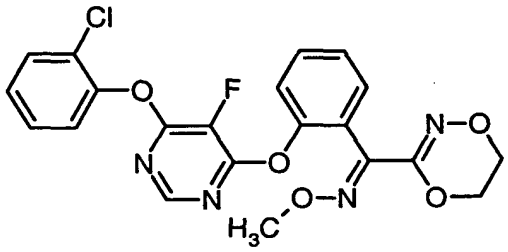


(XIII)

(trifloxystrobin)

and/or

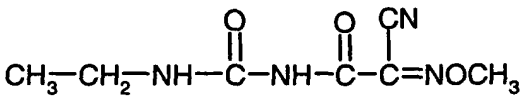
(13) the compound of the formula



(XIV)

and/or

(14) the cyanoxime derivative of the formula

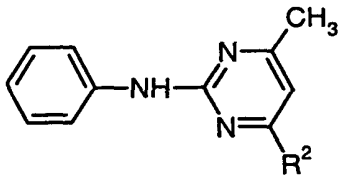


(XV)

(cymoxanil)

and/or

(15) a pyrimidine derivative of the formula



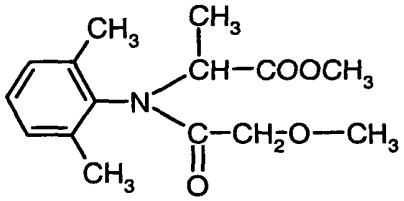
(XVI),

in which

R^2 represents methyl, $-C\equiv C-CH_3$ (mepanipyrim) or cyclopropyl (cyprodinyl),

and/or

(16) an aniline derivative of the formula

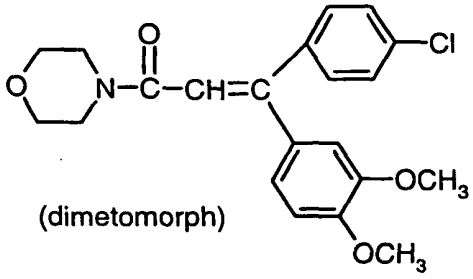


(XVII)

(metalaxyl or metalaxyl M)

and/or

(17) the morpholine derivative of the formula

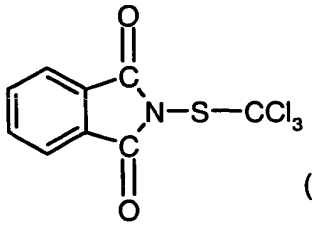


(XVIII)

(dimetomorph)

and/or

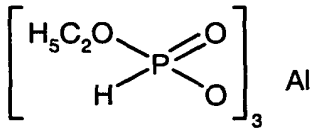
(18) the phthalimide derivative of the formula



(folpet) (XIX)

and/or

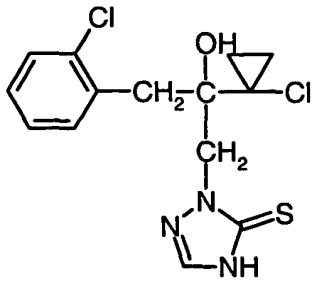
(19) the phosphorus compound of the formula



(fosetyl-Al) (XX)

and/or

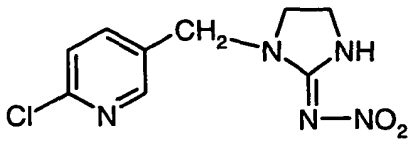
(20) the hydroxyethyl-triazole derivative of the formula



(XXI)

and/or

(21) the 1-[(6-chloro-3-pyridinyl)-methyl]-N-nitro-2-imidazolidinimine of the formula

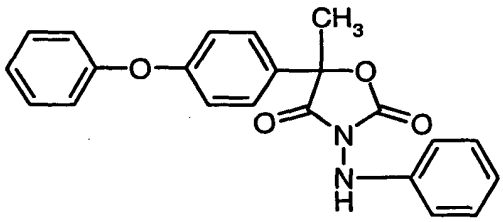


(XXII)

(imidacloprid)

and/or

(22) the oxazolidinedione of the formula

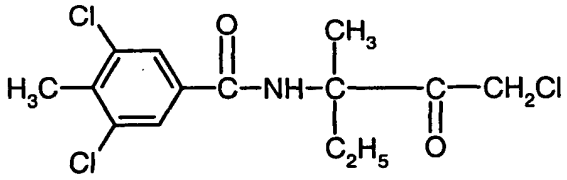


(XXIII)

(famoxadone)

and/or

(23) the benzamide derivative of the formula

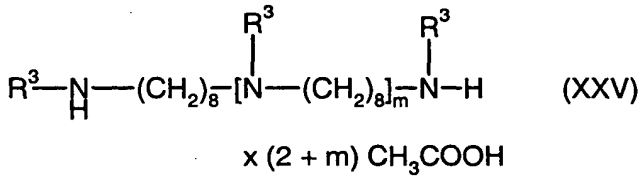


(XXIV)

(zoxamide)

and/or

(24) the guanidine derivative of the formula



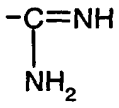
(XXV)

x (2 + m) CH_3COOH

in which

m represents integers from 0 to 5 and

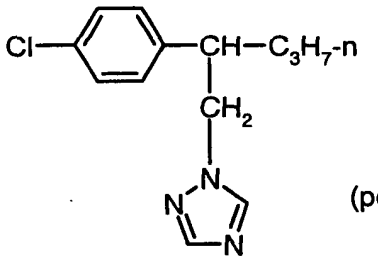
R^3 represents hydrogen (17 to 23%) or the radical of the formula



(77 to 83 %)

and/or

(25) the triazole derivative of the formula

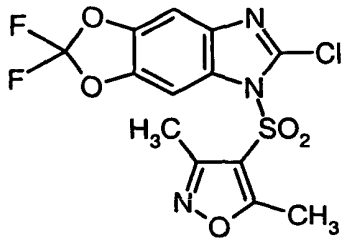


(XXVI)

(penconazole)

and/or

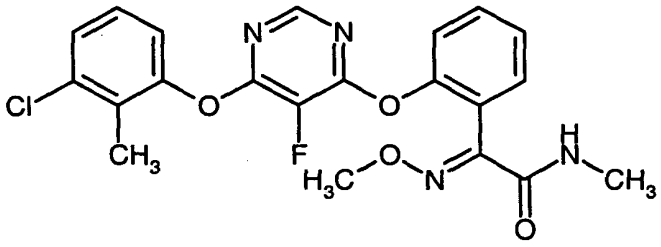
(26) the halogeno-benzimidazole of the formula



(XXVII)

and/or

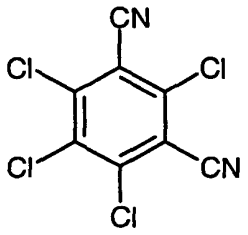
(27) the halogenopyrimidine of the formula



(XXVIII)

and/or

(28) the tetrachloro-isophthalo-dinitrile of the formula

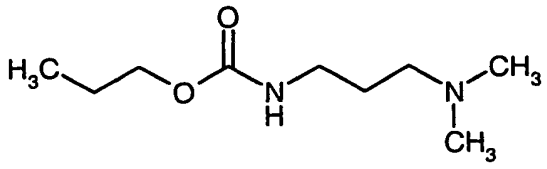


(XXIX)

(chlorothalonil)

and/or

(29) the compound of the formula

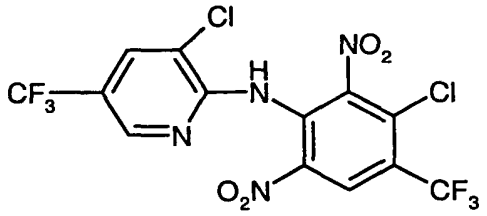


(XXX)

(propamocarb)

and/or

(30) the pyridineamine of the formula

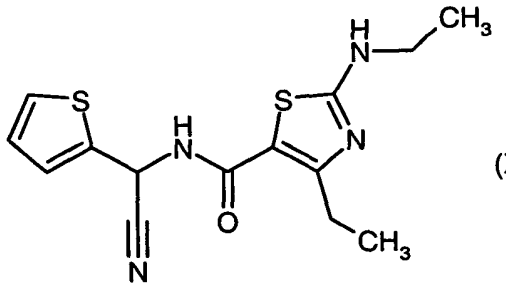


(XXXI)

(fluazinam)

and/or

(31) the thiazolecarboxamide of the formula

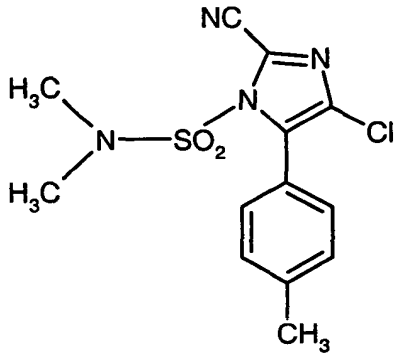


(XXXII)

(ethaboxam)

and/or

(32) the sulphonamide of the formula

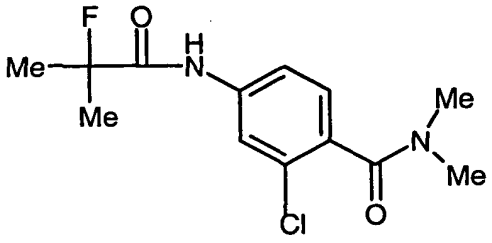


(XXXIII)

(cyamidazosulfamid)

and/or

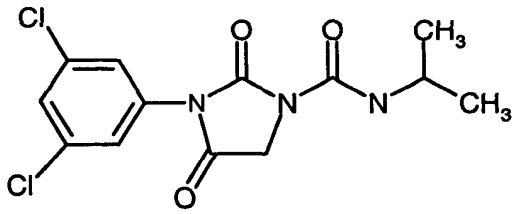
(33) the compound of the formula



(XXXIV)

and/or

(34) the compound of the formula

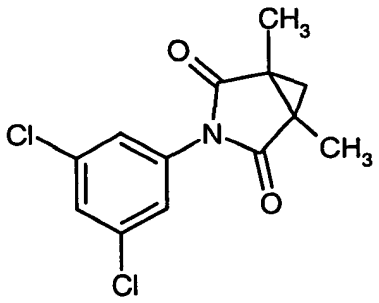


(XXXV)

(iprodione)

and/or

(35) the compound of the formula

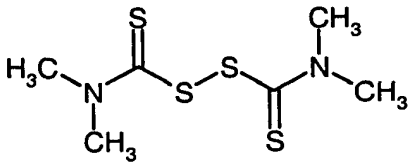


(XXXVI)

(procymidone)

and/or

(36) the diamide of the formula

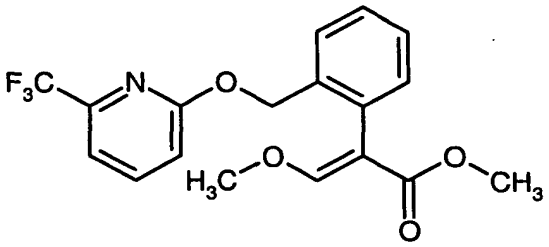


(XXXVII)

(thiram)

and/or

(37) the methoxyacrylate derivative of the formula

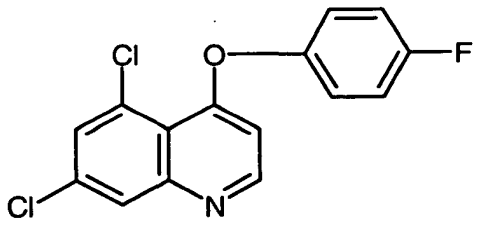


(XXXVIII)

(picoxystrobin)

and/or

(38) the quinoline derivative of the formula

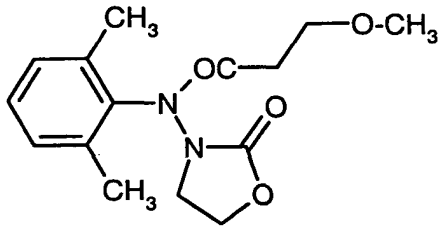


(XXXIX)

(quinoxyfen)

and/or

(39) the phenylamide derivative of the formula

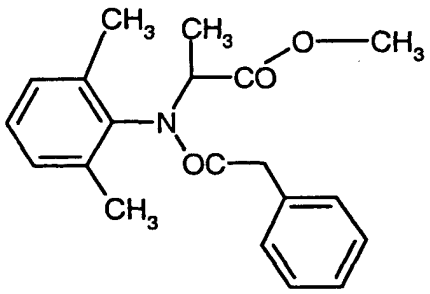


(XXXX)

(oxadixyl)

and/or

(40) the phenylamide derivative of the formula

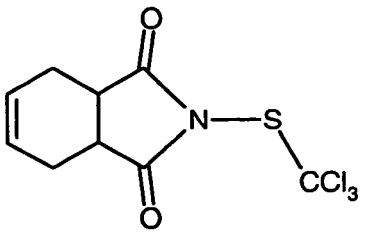


(XXXXI)

(benalaxyl)

and/or

(41) the dicarboxime derivative of the formula

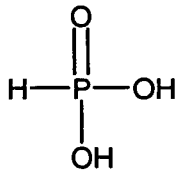


(XXXXIIa)

(captan)

and/or

(42) the phosphonic acid of the formula

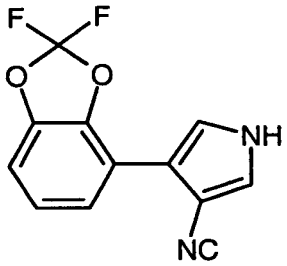


(XXXXIII)

(phosphonic acid)

and/or

(43) the pyrrole derivative of the formula

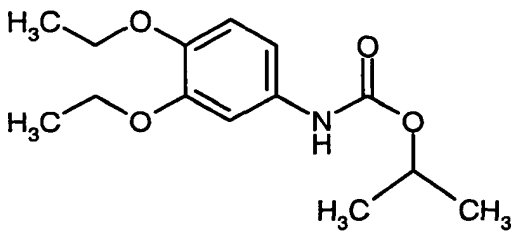


(XXXXIV)

(fludioxonil)

and/or

(44) the phenyl carbonate of the formula



(XXXXV)

(diethofencarb)

and/or

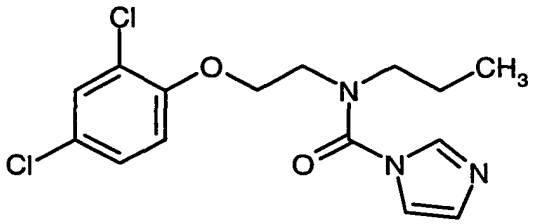
(45) the copper compounds

a) copper oxychloride (XXXXVIa)

b) copper hydroxid (XXXXVIb)

and/or

(46) the imidazole derivative of the formula



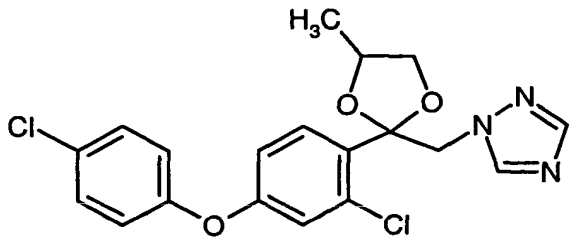
(XXXXVII)

(prochloraz)

and/or

(47) the triazole derivative of the formula

a)

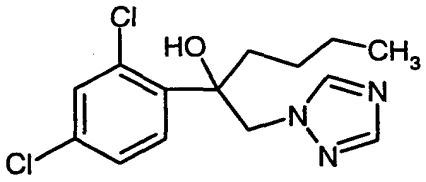


(XXXXVIIIa)

(difenconazole)

and/or

b)

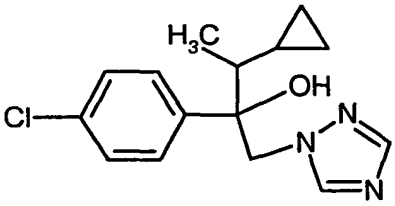


(XXXXVIIIb)

(hexaconazole)

and/or

c)

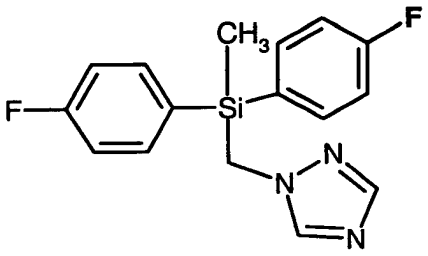


(XXXXVIIIe)

(cyproconazole)

and/or

d)

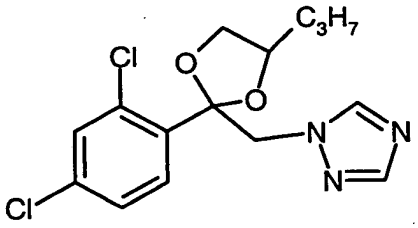


(XXXXVIIId)

(flusilazole)

and/or

e)

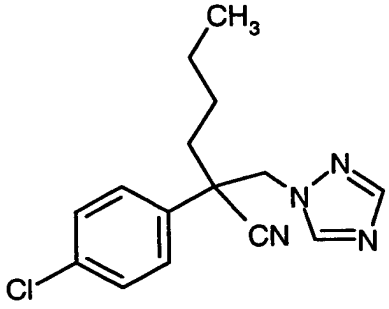


(XXXXVIIIe)

(propiconazole)

and/or

f)

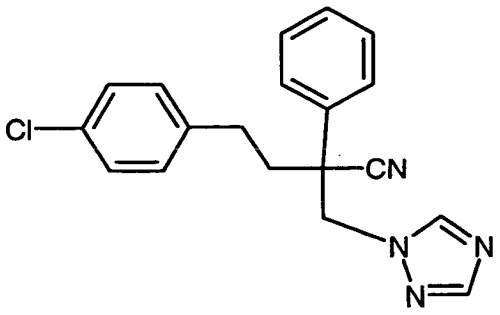


(XXXXVIIIf)

(myclobutanil)

and/or

g)

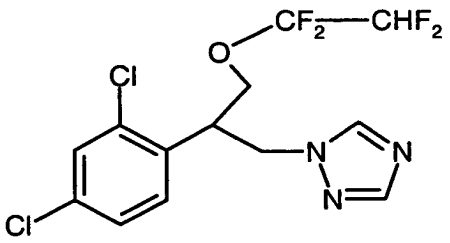


(XXXXVIIIg)

(fenbuconazole)

and/or

h)

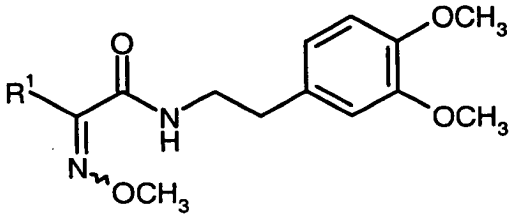


(XXXXVIIIh)

(tetraconazole)

and/or

(48) a compound of the general formula



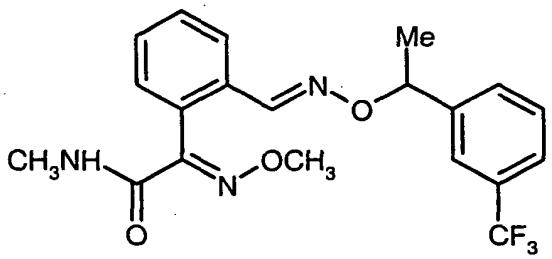
(XXXXIX)

in which

R^1 represents unsubstituted or fluorine-, chlorine-, bromine-, methyl- or ethyl-substituted phenyl, 2-naphthyl, 1,2,3,4-tetrahydronaphthyl or indanyl,

and/or

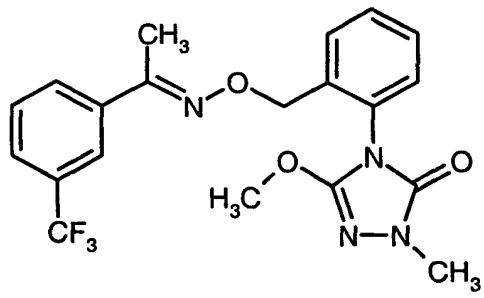
(49) N-methyl-2-(methoxyimino)-2-[2-([1-(3-tri-fluoro-methyl-phenyl)ethoxy]iminomethyl)phenyl]acetamide of the formula



(XXXXX)

and/or

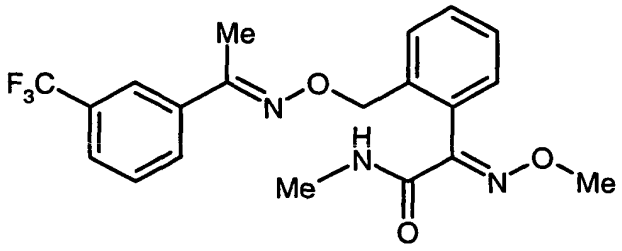
(50) 2,4-dihydro-5-methoxy-2-methyl-4-[2-([([1-(3-tri-fluoro-methylphenyl)ethylidene]amino)oxy]methyl)phenyl]-3H-1,2,4-triazol-3-one of the formula



(XXXXXI)

and/or

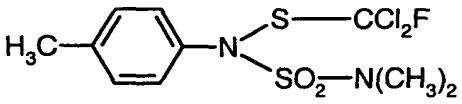
(51) the compound of the formula



(XXXXXII)

2. Active compound combinations according to Claim 1, comprising at least one compound of the formula (I) as defined in Claim 1 and

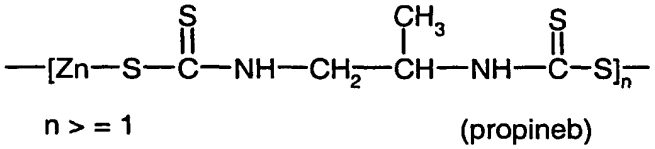
(3) an aniline derivative of the formula



(IVb)

and/or

(5) the zinc propylene-1,2-bis-(dithiocarbamidate) of the formula

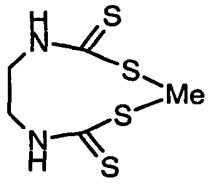


n > = 1 (propineb)

(VI)

and/or

(6) at least one thiocarbamate of the formula

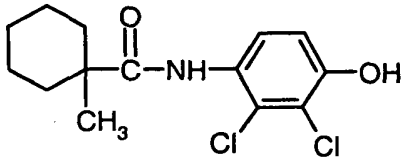


(VIIc)

Me = mixture of Zn and Mn

and/or

(7) the aniline derivative of the formula

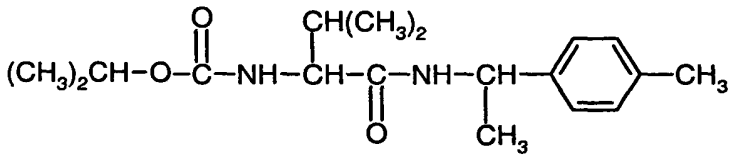


(VIII)

(fenhexamid)

and/or

(8) the compound of the formula

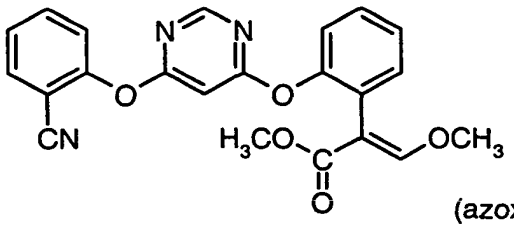


(IX)

(iprovalicarb)

and/or

(11) the compound of the formula

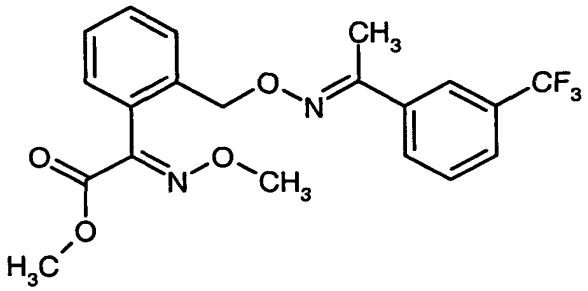


(XII)

(azoxystrobin)

and/or

(12) the compound of the formula

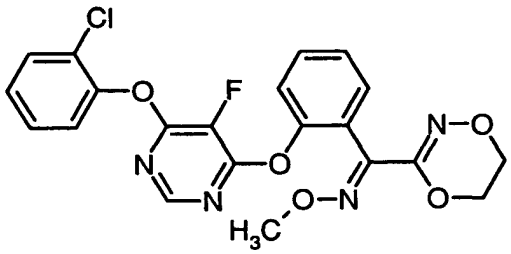


(XIII)

(trifloxystrobin)

and/or

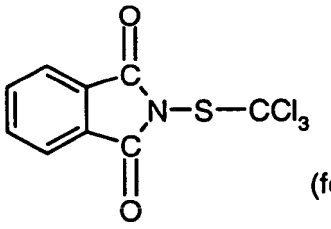
(13) the compound of the formula



(XIV)

and/or

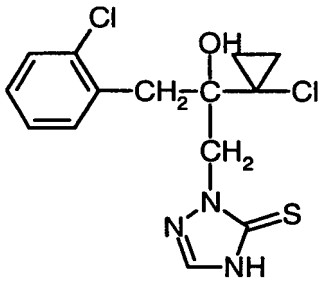
(18) the phthalimide derivative of the formula



(folpet) (XIX)

and/or

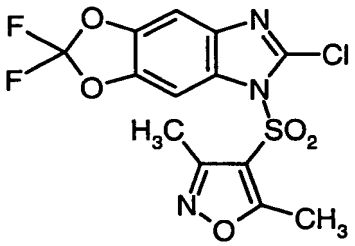
(20) the hydroxyethyl-triazole derivative of the formula



(XXI)

and/or

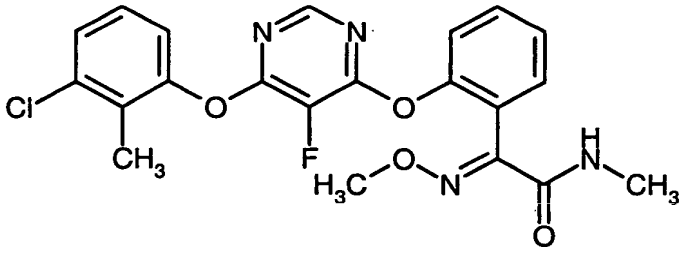
(26) the halogeno-benzimidazole of the formula



(XXVII)

and/or

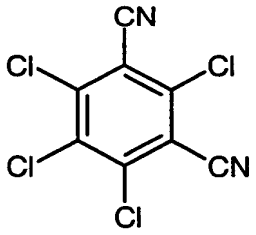
(27) the halogenopyrimidine of the formula



(XXVIII)

and/or

(28) the tetrachloro-isophthalo-dinitrile of the formula

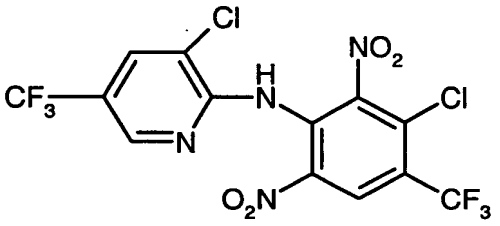


(XXIX)

(chlorothalonil)

and/or

(30) the pyridinamine of the formula



(XXXI)

(fluazinam)

and/or

(45) the copper compounds

a) copper oxychloride (XXXXVIa)

b) copper hydroxide (XXXXVIb).

3. Composition according to Claim 1, characterized in that in the active compound combinations the weight ratio of active compound of the formula (I) to

- active compound of group (1) is from 1:0.1 to 1:50,
- active compound of group (2) is from 1:0.1 to 1:50,
- active compound of group (3) is from 1:1 to 1:150,
- active compound of group (4) is from 1:0.1 to 1:10,
- active compound of group (5) is from 1:1 to 1:150,
- active compound of group (6) is from 1:1 to 1:150,
- active compound of group (7) is from 1:0.1 to 1:50,
- active compound of group (8) is from 1:0.1 to 1:50,
- active compound of group (9) is from 1:0.02 to 1:50,
- active compound of group (10) is from 1:0.1 to 1:50,
- active compound of group (11) is from 1:0.1 to 1:50,
- active compound of group (12) is from 1:0.1 to 1:50,
- active compound of group (13) is from 1:0.1 to 1:50,
- active compound of group (14) is from 1:0.1 to 1:50,
- active compound of group (15) is from 1:0.2 to 1:50,
- active compound of group (16) is from 1:0.1 to 1:50,
- active compound of group (17) is from 1:0.1 to 1:50,
- active compound of group (18) is from 1:1 to 1:150,
- active compound of group (19) is from 1:0.1 to 1:150,
- active compound of group (20) is from 1:0.02 to 1:50,
- active compound of group (21) is from 1:0.05 to 1:20,
- active compound of group (22) is from 1:0.1 to 1:50,
- active compound of group (23) is from 1:0.1 to 1:50,

- active compound of group (24) is from 1:0.1 to 1:150,
- active compound of group (25) is from 1:0.1 to 1:50,
- active compound of group (26) is from 1:0.1 to 1:50,
- active compound of group (27) is from 1:0.1 to 1:50,
- active compound of group (28) is from 1:1 to 1:150,
- active compound of group (29) is from 1:1 to 1:150,
- active compound of group (30) is from 1:0.1 to 1:50,
- active compound of group (31) is from 1:0.1 to 1:50,
- active compound of group (32) is from 1:0.1 to 1:50,
- active compound of group (33) is from 1:0.1 to 1:50,
- active compound of group (34) is from 1:0.1 to 1:50,
- active compound of group (35) is from 1:1 to 1:50,
- active compound of group (36) is from 1:1 to 1:150,
- active compound of group (37) is from 1:0.1 to 1:50,
- active compound of group (38) is from 1:0.1 to 1:50,
- active compound of group (39) is from 1:0.1 to 1:50,
- active compound of group (40) is from 1:0.1 to 1:50,
- active compound of group (41) is from 1:1 to 1:150,
- active compound of group (42) is from 1:1 to 1:150,
- active compound of group (43) is from 1:0.1 to 1:50,
- active compound of group (44) is from 1:0.1 to 1:50,
- active compound of group (45a) is from 1:1 to 1:150,
- active compound of group (45b) is from 1:1 to 1:150,
- active compound of group (46) is from 1:0.1 to 1:50,
- active compound of group (47a) is from 1:0.1 to 1:50,
- active compound of group (47b) is from 1:0,1 to 1:50,
- active compound of group (47c) is from 1:0.1 to 1:50,
- active compound of group (47d) is from 1:0.1 to 1:50,
- active compound of group (47e) is from 1:0.1 to 1:50,
- active compound of group (47f) is from 1:0.1 to 1:50,
- active compound of group (47g) is from 1:0.1 to 1:50,

- active compound of group (47h) is from 1:0.1 to 1:50,
- active compound of group (48) is from 1:0.1 to 1:50,
- active compound of group (49) is from 1:0.1 to 1:50,
- active compound of group (50) is from 1:0.1 to 1:50,
- active compound of group (51) is from 1:0.1 to 1:50.

4. Method for controlling fungi, characterized in that active compound combinations according to at least one of Claims 1 to 3 are applied to the fungi and/or their habitat.

5. Use of active compound combinations according to any of Claims 1 to 3 for controlling fungi.

6. Process for preparing fungicidal compositions, characterized in that active compound combinations according to any of Claims 1 to 3 are mixed with extenders and/or surfactants.